GLUSHAKOVA, N.Yo.; LAGUTO, F.M.; LUCHENOK, O.S.

Vitamin C in the liver and the wall of the small intestine in radiation sickness in animals synthetizing ascorbic acid. Med. rad. 5 no.4: 86-87 Ap '60. (MIRA 13:12)

(ASCORBIC ACID) (LIVER)
(INTESTINES) (RADIATION SICKNESS)

GLUSHAKOVA, N.Ye. [Hlushakova, N.E.]; LAGUTO, F.M. [Lahuta, F.M.]; IVANOVA, V.S.; MEREZHINSKIY, M.F. [Merazhynski, M.F.]; TARANOVICH, G.L. [Taranovich, H.L.]; SHIFMAN, A.S. [Shyfman, A.S.]

Biosynthesis and metabolism of ascorbic acid in white rats during fractional ionizing irradiation in small doses. Vestsi AN BSSR. Ser.biial.nav. no.2:96-101 '62. (MIRA 15:8)
(RADIATION—PHYSIOLOGICAL EFFECT) (ASCORBIC ACID)

GLUSHAKOVA, N.Ye.; TARANOVICH, G.L.; LAGUTO, F.M.

Some indices of tissue metabolism in reduced function of the thyroid gland. Probl. endok. i gorm. 10 no.6:24-27 N-D '64. (MIRA 18:7)

1. Kafedra biokhimii Minskogo meditsinskogo instituta; rukoveditel' - prof. M.F.Merezhinskiy.

GIUCHAROVA, I [illegible]

Voprosy ekonomicheskoy i politicheskoy geografii

"Problems of Economic and Political Geography" Moskva, Izd--vo

IMO, 1958.

174 p. maps, tables.

At head of title: Moscow, Institut Mezhdunarodnykh Otnosheniy.

Bibliographical footnotes.

FILOSOFOVA, T.G.; SHEKHTER, A.B.; GLUSHAN, Ye.F.

Effectiveness of intracutaneous vaccination against scarlet fever with purified concentrated toxin; author's abstract. Zhur.mikrobiol. epid.i immun. no.3:36 Mr '54. (MLRA 7:4)

1. Iz Ukrainskogo instituta epidemiologii, mikrobiologii i gigiyeny v Kiyeve (direktor - kandidat meditsinskikh nauk S.N.Terekhov).
(Scarlet fever) (Vaccination)

SOV/21-59-5-25/25

AUTHORS: Yemchuk, Ye.M. and Glushan, Ye.F.

TITLE: Dermacentor Pictus Herm. Ticks, Carriers of Brucellosis Agents

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1959, Nr 5, pp 557-559 (USSR)

ABSTRACT: About 7,000 ticks were collected by the authors from cattle showing positive brucellosis reactions in serological tests in the Novograd-Volynskiy district, Zhitomir oblast', in May 1958. They included such species as Ixodes ricinus, Dermacentor marginatus and Dermacentor pictus. The authors made it their aim to determine the role of these ticks in spreading the Brucellosis infection. A suspension was made of 20-40 female ticks, not less than 800 larvae and 1 g of eggs. The suspension was fixed onto liquid and solid nutrition media and also tested biologically on white mice. Processing the suspension's products, the authors managed (for the first time in the

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SOV/21-59-5-25/25

Dermacentor Pictus Herm Ticks, Carriers of Brucellosis Agents

Ukraine) to separate out six strains of Brucella abortus bovis, three from half-nourished tick females, two from larvae and one from eggs. The larvae and eggs were obtained from females who fed on diseased animals. Brucella from the infected females passed into the eggs and larvae during the development process. No Brucella abortus bovis was separated out from the secretions taken from infected mice. Thus, the authors have established that the above-named ticks were carriers and transovarial transmitters of brucellosis agents. In the text, the authors have made numerous references to works listed in the reference block, and apart from that have mentioned the names of I.M. Khatenevar, Grunfest, Francis and Kozlovskiy. The typization of the separations of the authors' culture of Brucella abortus bovis was done by the chief of the zoo section of the Institut epidemiologii i mikrobiologii Ministerstva zdravookhraneniya UkrSSR (Institute of Epidemiology and Microbiology of the Ministry of Health

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SOV/21-59-5-23/23

Dermacentor Pictus Herm. Ticks, Carriers of Brucellosis Agents

of the UkrSSR) O.S. Korotich, to whom the authors express their sincere appreciation. There are 14 Soviet references.

ASSOCIATION Institut zoologii AN UkrSSR (Institute of Zoology of the AS UkrSSR)

PRESENTED By A.P. Markevich, Member of the AS UkrSSR

SUBMITTED: January 31, 1959

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GLUSHANIN, K.

Always in advance of all. Rab. i sial. 33 no.11:13 N '57. (MIRA 10:11)

1. Kalgas "Mayak kommunizma," Barysauski rayen.
(Collective farms)

5(2), 5(4) SOV/6-59-7-4/25

AUTHOR: Sokolova, O. I.

TITLE: Results of the Competition for the Best Improving Suggestion (Itogi konkursa na luchshego ratsionalizatorskogo predlozheniye)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 17-21 (USSR)

ABSTRACT: In May 1959, the ordinary competition for the best improving suggestion in the field of topographic-geodetic and cartographic production was concluded at the Glavnoye upravleniye geodezii i kartografii MVD SSSR (Main Administration of Geodesy and Cartography of the Ministry of Internal Affairs of the USSR). 7 aerogeodetic services, 8 cartographic institutes and NNKCh took part. A total of 30 topographic-geodetic, and 31 cartographic, suggestions were submitted. The 1st prize of 1,000 rubles was awarded to V. A. Morozov and V. V. Orlov (Minskaya kartograficheskaya fabrika (Minsk Cartographic Plant) for the "Seamless Fastening of Atlas Blocks". The 2nd prizes of 750 rubles were awarded to: 1) Ya. Bratalanskiy, V. M. Varsegin, Yu. N. Galitskiy, O. F. Shetler and V. P. Stepanov (NNKCh) for "Technology of the Use of Standard Bases (Nivelirnye Osnovy)". 2) I. V. Gurevich, V. M. Varsegin, S. O. Radovilskaya, O. Ye. Shetler, L. Ye. Levanda for "Technology of the Manufacture of Combined Diapositives" (NNKCh). 3) D. A. Larin (Moskovskoye AGP (Moscow AGP)) for "Reduction of Work in Evaluating the Accuracy of Planimetric Geodetic Nets Formed by Figures of Regular Shape". 4) N. F. Shreyber (Novosibirskoye AGP (Novosibirsk AGP)) for "Light Collapsible Ladder of Dural for Projecting". - The 3rd prizes of 500 rubles each were awarded to: 1) I. F. Zhukhalin (Yakutskoye AGP (Yakutsk AGP)) for "Establishment of Fixed Points by the Method of Tracing by Means of Vapor". 2) I. Ye. Ol'shanskiy (Yakutskoye AGP (Yakutsk AGP)) for "Construction of an Overhead Trolley for Timber Transport". 3) [illegible] (Moskovskoye AGP (Moscow AGP)) for "Variation in the Establishment of Photographs on the STD-2". 4) V. F. Karpov (Moskovskoye AGP (Moscow AGP)) for "Making of Corrections to by the Meters". 5) D. I. [illegible], I. V. Gurevich, O. I. Alekseyeva, Ye. M. Varsegin, V. K. Kirillov and L. [illegible] for "Technology of the Completion and Edition of Topographic Maps by the Photorelief Method". 6) N. P. [illegible] Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute) for "Vertical Filing Machine for Brochures". 7) [illegible] (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)) for "Mechanism for the Drawing of Lines with Paper Rules". 8) A. N. [illegible] (Ukrainskoye AGP (Ukrainian AGP)) for "Replacement of the Air Pump for the Lithographic-printing Machine KI-4 by an Illuminating Device with Luminescent Lamps PS-40". 9) [illegible] (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Ruler for Elevation in the Projection of Map Compilations and Field Compilations". 10) [illegible] Israilev (Severo-Zapadnoye AGP (North-West AGP)) for the improvement of the Digital Variation in the Alidade by Voder". 11) [illegible] (Moskovskoye AGP (Moscow AGP)) for "Formulas and Form for a More Rational Computation of Superelevations from the Trigonometric Levelling". 12) [illegible] Willner (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Mechanizing and Fairing of Levelling Staffs". 13) [illegible] (Moskovskoye AGP (Moscow AGP)) for "Formulas and Table for Extreme Divergences Between the Free Terms of Linear and Base Conditions Computed on a Plane and on a Sphere". - Besides, the following suggestions were approved by the jury: 1) [illegible] Trykov (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Interference for Observations From the Telemetric Tower". 2) [illegible]

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SOV/6-59-7-4/24

Results of the Competition for the Best Improving Suggestion

(Severo-Zapadnoye [illegible] Corrections of Centering and Reducing with an Auxiliary Scale for Determining the Corrections of the Curvature of the Scale of the Geodetic Line and of the Numeric Lateral", 4) V. [illegible] Maurerar (Moskovskoye AGP (Moscow AGP)), "Variation of the Construction of the Heliotrope", 4) [illegible] (Moskovskoye AGP (Moscow AGP)), "Zero Thermostat for the Gravimeters of the GAk-2A-type", 5) [illegible] (Moskovskoye AGP (Moscow AGP)), "Device for Cutting Aluminum [illegible]", 6) A. I. Pikalov and G. M. Grinberg (Moskovskoye AGP (Moscow AGP)), "Prospecting Mast", 7) Ya. I. Nemovitskiy, M. A. [illegible] and [illegible] Glushanin (Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute)), "A Torsiometer Device for Mixing Offset Colors", 8) I. L. Gintsberg (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Device for Grinding the Edges of Plate Glass", 9) A. A. [illegible] (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Mechanism for Inclining the Printing Jaws", 10) "Mechanism for Lifting the Trough With the Roller", 10) [illegible] and S. A. Lonshteyn (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Automatic Switching-off of Arc Lamps", 11) I. G. Vasil'yeva (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Plant)), "Increase in the Durability of Light-sensitive Rubber Solution (Adhesive)", 12) N. M. Sher (Kiyevskaya kartograficheskaya fabrika (Kiyev Cartographic Plant)), "Correspondence of the Stress-elements on Topographic Maps With the Letters on the Machine Printing Forms", 13) V. V. Bogirov, S. Z. [illegible] (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant)), "On the Improvement in the Construction of Mechanism for Pressing-on the Inking Rollers and Friction Drum of the Offset Machines 'Planeta-Super-Evinta'", 14) A. Ya. [illegible] (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant)), "A Rational Method of Making Positives of Printing Forms of Relief Printing on Tracing Paper for Printing Books on Offset Machines", 15) [illegible] (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant)), "Synchronization and Automatization of the Switching on and off of Arc Lamps and of the Suction Fan in the Copying Department", 16) V. F. Alekseyev (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant)), "Variation in the Technology of Making Sets of Outline Maps of the Fifth Class", 17) V. V. Il'yushin (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant)), "Preparation of Collotype and Corresponding Positives by the Method of the Wasmedwest Zeiter on 'Vinipreo'", 18) V. V. [illegible] (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant)), "Switching off the Motor of the Compressor on the Copying Frame by Means of the Change Lever for Lifting the Glass and by Means of the Vacuum", 19) [illegible] (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant)), "Device for Laying on the Sensitives in Copying", 20) M. M. [illegible] (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant)), "Device for Drying Paper on Offset Machines", 21) S. M. Konstantinova (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant)), "Progressive Method and Procedure for the Preparatory Work in Calculating and Plotting the Geographic Network on Maps to Be Compiled", 22) K. I. [illegible] (SNKCh) "A Workbench for Repairing the Guides of the Offset Machine", 23) Yu. P. Tarasov (SNKCh) "Device for Regulating the 'Scale' of the Offset Machine", 24) Ye. I. [illegible] and E. V. Pesterova (SNKCh) "Improving the Method of Precipitating the Silver Nitrate in Coal Solutions".

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GLUSHANKOV, I.

The outstanding Russian hydrographer L.V.Spafar'ev. Mor.flot. 15 no.11:28-30 N '55. (MLRA 9:2)
(Spafar'ev, Leontii Vasil'evich, 1766-1847)

GLUSHANKOV, I.

Collective farms buy new fire equipment. Pozh. delo 9 no.9:26 S '63. (MIRA 16:10)

1. Predsedatel' Dobrovol'nogo pozharnogo obshchestva Goretskogo rayona, Mogilevskaya obl.
(Farm buildings--Fires and fire prevention)

GLUSHANKOV, K.V.

K.V. Glushankov and S.M. Solov'yev, Osnovnyye svedeniya po rybovodstvu [Basic Information on Pisciculture], Sel'khozgiz, 7 sheets, 1954

Contains brief data on pisciculture. Main attention is given to a description of the biological peculiarities of fishes. It describes the transportation of fishes and roe for propagation and the use of ponds for raising aquatic birds.

Intended for workers concerned with pisciculture.

SO: U-6472, 15 Nov 1954

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515420011-2"

[illegible], [illegible]; [illegible] SHANSKOV, S.I.; [illegible], A.N.; [illegible], V.I.; [illegible], Z.A.

Potentiometric analysis in the production technology of metallic cobalt. Zhur. prikl. khim. 38 no.10:2360-2362 [illegible] 1965.

1. Submitted May 23, 1963.

GLUSHANKOV, Ye.P.

Column microanalysis of some phosphorylated hexoses. Vest. LGU 18 no.15:112-118'63. (MIRA 16:9)
(HEXOSE PHOSPHATES) (CHROMATOGRAPHIC ANALYSIS)

USHAKOV, S.F.; [illegible]KOVA, N.A.

Lack of definite correlation between the iodine number of [illegible] lipids and the heat resistance of cells. Tsitologiia 3 no.6:[illegible] (MIRA 14:12)
N-D '61.

1. Laboratoriya sravnitel'noy tsitologii Instituta sitologii AN SSSR, Leningrad.
(LIPIDS) (HEAT-RESISTANCE)

USHAKOV, B.P.; GLUSHANKOVA, M.A.

Iodine number of lipids and heat resistance of the muscle tissue of lake frogs (Rana ridibunda Pall.) inhabiting cold and warm springs. Dokl. AN SSSR 143 no.2:437-440 Mr '62. (MIRA 15:3)

1. Institut tsitologii AN SSSR. Predstavleno akademikom Ye.N.Pavlovskim.

(TEMPERATURE—PHYSIOLOGICAL EFFECT)
(FROGS LIPIDS)

GLUSHANKOVA, M.A.

Effect of a fat diet on the iodine number and heat resistance of muscular tissue. Sbor. rab. Inst. tsit. no.6:208-212'63. (MIRA 16:8)

(LIPIDS) (HEAT--PHYSIOLOGICAL EFFECT)

GLUSHAYKOVA, M.A.

Thermostability of adenylate kinase in frogs Rana temporaria L. and Rana ridibunda Pall. Sbor.rab. Inst. tsit. no.8:200-202 '65. (MIRA 18:12)

1. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii AN SSSR, Leningrad.

GRECHENKOVA, M.A., [illegible]

[illegible]

1. Agrotechnical [illegible]
[illegible]

AUTHOR: Filiatsev, [illegible]; Zhukhovna, [illegible], (Deceased)

TITLE: Quality of Molding Plaster (Kachestvo formovochnogo gipsa)

PERIODICAL: Steklo i keramika, 1959, Nr 9, [illegible]

ABSTRACT: The chemical composition (in %) of high-[illegible] "slaked plaster" produced by the Kadiiskiy Kiyevskiy [illegible] that of the usually used "boiling plaster" (vysokoobzhigovy gips) produced by the Kadiiskiy [illegible] is given in table [illegible]. The physical and mechanical properties of these two plaster brands are presented in table [illegible]. Experiments were conducted in the Porcelain Works imeni A.I.Kolesov with "slaked plaster", it proved, however, to be unsuitable for the production of plaster molds in porcelain and fayence works. The standard specification GOST [illegible] does not meet the requirements of porcelain and fayence industry. A high purity of the raw materials is considered to be the fundamental condition in the production of high-quality plaster. The Soviet Union possesses a great number of sites where plaster stone is found. The low

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Quality of Molding Plaster SOV/[illegible]

quality of molding plaster can apparently be caused by a negligent handling in the mining, by bad screening, by accidental addition of impurities during transportation, by crushing only to a coarse grain and by bad "boiling." The Conference on Molding Plaster held in Moscow in July 1956 demonstrated that only little scientific research is done and only few technological investigations are carried out aiming at an improvement of plaster quality. Laboratory control in the manufacturing and consuming works is insufficient. It is recommended to establish at ROSNIIMS a special laboratory for plaster research, which would engage in work aiming at an improvement of the quality of molding plaster and at the development of a method of quality control. There are 2 tables.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy keramicheskiy institut (State Scientific Research Institute of Ceramics)

Card 2/3

ORUDZHEV, A.K., kand.sel'skokhozyaystvennykh nauk; GLUSHANOVSKAYA, V., red.; MIRDZHAFAROV, A., tekhn.red.

[Cultivation practices for high cotton yields and prospects for the development of cotton growing in Azerbaijan] Agrotekhnika vysokogo urozhaia khlopka i perspektivy razvitiia khlopkovodstva v Azerbaidzhane. Baku, Azerbaidzhanskoe gos.izd-vo, 1957. 282 p. (MIRA 11:3)

(Azerbaijan--Cotton growing)

SEIDOV, G., kand.sel'khoz.nauk; EL'ZENGR, T., kand.sel'khoz.nauk;
GLUSHANOVSKAYA, V., red.; [illegible], N., tekhn. red.

[Cotton irrigation in Azerbaijan] Polivy khlopchatnika v Azerbaidzhane. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 44 p. (MIRA 14:12)

(Azerbaijan--Cotton--Irrigation)

ABBASOV, S.A.; GLUSHANOVSKAYA, V., red.; AKHMEDOV, S., tekhn.red.

[Technology of Azerbaijan wine making] Tekhnologiia vin Azerbaidzhana. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 89 p. (MIRA 14:4)
(Azerbaijan--Wine and wine making)

GUSEYNOV, G.M., kand.sel'skokhoz.nauk; GLUSHANOVSKAYA, V., red.; NASIROV, N., tekhn.red.

[Instructions on the technical and organizational aspects of furrow irrigation of cotton] Ukazaniia po tekhnike i organizatsii poliva khlopchatnika po borozdam. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 68 p. (MIRA 14:1)
(Cotton--Irrigation)

GLUSHAYEV, T.

Summer schedule for air travel. Vnesh.torg 30 no.5:39 '60. (MIRA 13:5)

(Air travel)

GLUSHCHENKO, A.

Readers' conference in Donetsk. Avtom. svar. 17 no.6:45-46 Je '64 (MIRA 18:1)

Akademiya nauk Ukrayins'koyi RSR. Instytut matematyky

Zastosuvannya metodu elektrohidrodynamichnykh analiziv do rozv'yazannya deyakykh tekhnichnykh zadach (Application of the Method of Electrohydrodynamic Analogy to the Solution of Various Engineering Problems) Kyyiv, Vyd-vo AN URSR, 1959. 160 p. 1,000 copies printed.

Ed. of Publishing House: T.K. Nemenolk; Tech. Ed.: O.O. Matvychuk;
Editorial Board: P.F. Fil'chakov (Resp. Ed.), V.M. Ostapenko (Resp. Secretary), Yu.V. Blakovchenes'kyy, T.S. Pohrebys'kyy, and V.S. Shamans'kyy.

PURPOSE: This book is intended for scientific workers, engineers, Aspirants and students.

COVERAGE: This book is a collection of articles on the application of the electrohydrodynamic analogy method to the solution of various engineering problems. Among the topics discussed is the modelling of certain technical problems on resistance paper by the electrohydrodynamic analogy method. Special attention is given to the study of various problems of filtration in non-homogeneous and anisotropic ground, problems of glass blowing, heat engineering problems, modelling electrocardiotic waterlevel fall, and the conformal mapping problem. Problems of the physical and mechanical properties of resistance paper and the accuracy of the electrohydrodynamic analogy method are studied and the new, more universal model of the EMGA integrator is described. All the articles end with summaries in Russian and English.

TABLE OF CONTENTS:

GLUSHCHENKO, A. A. (Kiyev)

"On Experimental-Analytical Methods for Solving Problems Concerning Gravity Seepage."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

GLUSHCHENKO, A.A.[Hlushchenko, A.A.] (Kiyev)

Determining parameters connected with the solution of certain problems of pressureless filtration. Prykl. mekh. 6 no.2:180-185 '60. (MIRA 13:8)

1. Kiyevskiy gosudarstvennyy universitet.
(Soil percolation)

GLUSHCHENKO, A. A., Cand Phys-Math Sci -- (diss.) "Some experimental-analytical methods of solution for some tasks in filtration theory." Kiev, 1960. 4 pp; (Joint Academic Council of the Institutes of Mathematics, Physics, and Physics of Metals of the Academy of Sciences Ukrainian SSR); 120 copies; price not given; (KL, 52-60, 118)

GLUSHCHENKO, A.A. [Hlushchenko, A.A.]

Problem in seepage from a canal [with summary in English].
Dop.AN URSR no.3:273-277 '61. (MIRA 14:3)

1. Kiyevskiy gosudarstvennyy universitet. Predstavleno akademikom AN USSR I.Z.Shtokalo.
(Seepage)

S/124/63/000/002/006/052
D234/D308

AUTHORS: Glushchenko, A.A. and Lalak, A.I.

TITLE: Solution of some problems in the modeling of conformally representable domains

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 49, abstract 2B233 (Dokl. 4-y Mezhvuz. konferentsii po primeneniyu fiz. i matem. modelirovaniya v razlich. otraslyakh tekhn. Sb. 1. M., 1962, 45-58)

TEXT: The authors consider the application of G.N. Polozhiy's method (Dokl. AN SSSR, 1955, v. 104, no. 1) to the conformal representation of a simply connected domain G on G_1, the boundary of G or G_1 being determined with an accuracy of up to one parameter λ (in particular, the length of the cut of the domain). The magnitude of the parameter λ is determined unambiguously by the condition of a given transition of four points of the boundary of G. The authors show the solution of two problems of plane steady filtration requiring a mapping of the hodograph domain of the velocity

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Solution of some problems ... S/124/63/000/002/006/052
D234/D308

with determination of the length of the cut. [Russian abstracter's note: A better method of conformal mapping of domains with indetermined parameters (also in hydrodynamic problems solved by the method of velocity hodograph) was first applied by the abstracter in 1949 (Konformnoye otobrazheniye dvusvyaznykh oblastey s pomoshshyu elektricheskogo modelirovaniya (Conformal mapping of doubly connected domains by electric simulation) Mezhvuz. konferentsiya po primeneniyu fiz. modelirovaniya v elektricheskikh zadachakh i matem. modelirovaniya 9-16 maya 1957, M., 1957 M. Ye. Deych, G.S. Samoylovich. Osnoy aerodinamiki osevykh turbomashin (Aerodynamic principles of axial turbines) M., Mashgiz, 1959-RZhMekh, no. 10, 1960, 13054)]. Reference 11 is wrongly dated in the paper (should be 1959). 16 references.
[Abstracter's note: Complete translation]

Card 2/2

S/041/63/015/001/006/009
B187/B102

AUTHOR: Glushchenko, A. A. (Kiyev)

TITLE: On a method of solving filtration problems

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, v. 15, no. 1, 1963, 79-85

TEXT: The author refers to a paper by G. N. Polozhiy (DAN SSSR, v. 104, no. 1, 1955) on the conformal mapping of singly and doubly connected domains and on the determination of the Christoffel-Schwarz constants with the aid of a mathematical device in which the domains to be mapped are completely determined. He extends this method to the case where the domains to be mapped are not completely determined but depend on certain parameters. The unknown parameters are determined with the aid of surface models of the domains to be mapped conformally from electrically conductive paper. This is done by an analogy method, comparing the electrical resistances on the basis of two theorems on the uniqueness of the parameter values for which the mapping is made. The method described makes it relatively easy to solve filter problems whose analytical solution encounters difficulties in the numerical execution practically impossible to overcome. A description as well as a solution of two examples of filter problems are

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given: filtration from an equidistant and symmetrically arranged channel system in drains was solved analytically by V. I. Aravin (Izvestiya nauchno-issledovatel'skogo in-ta gidrotekhniki, v. 18, 1936). The parameter values were not determined. The values obtained by the present methods agree well with those obtained experimentally and are tabulated for comparison. V. V. Vedernikov studies the filtration in the presence of a draining or water-bearing layer (DAN SSSR, v. 69, no. 5, 1949). His studies were not extended as far as the numerical values. It is a filtration process paying attention to the capillarity of the ground from a channel of rectangular cross section with lateral walls impermeable to water. The bottom consists of a layer of given thickness with homogeneous permeability to water separating the channel from a water-bearing layer, permeable to water, under constant water pressure. The interdependences determined between the parameters are shown graphically. There are 4 figures and 1 table.

SUBMITTED: November 28, 1960

[illegible]

Method for the solution of inverse problems in the theory of wave fields. [illegible]

[illegible]

L 27446-66 EWT(d) IJP(c)

ACC NR: AP6000241 SOURCE CODE: UR/0198/65/001/010/0103/0109

AUTHOR: Glushchenko, A. A. (Kiev)

ORG: Kiev State University (Kiyevskiy gosudarstvennyy universitet)

TITLE: A method for solving the inverse problem in the filtration theory

SOURCE: Prikladnaya mekhanika, v. 1, no. 10, 1965, 103-109

TOPIC TAGS: filtration theory, inverse boundary value problem, conformal mapping, Schwarz Christoffel transformation

ABSTRACT: The inverse boundary-value problem of the theory of filtration, which consists in determining the unknown part of the filtration domain G in which the solutions of equations describing the filtration process are sought, is solved by conformal mapping under the assumption that the subjacent layer under the filtration domain is highly permeable. The essential part in solving this inverse problem consists in determining that transformation function which conformally maps the hodograph of the reduced complex potential onto the hodograph of the Zhukovskiy (Joukowski) function. The construction of the transformation function is considered for four particular cases of pressure distributions. The exact solution of the inverse problem using the Schwarz-Christoffel transformation is presented for one of these particular cases. In the other three cases, the transformation function is found by an approximate method based on the electrical simulation of mapping domains. Orig. art. has: 5 figures and 25 formulas. [LK]

Card 1/2

L 27446-66

ACC NR: AP6000241

SUB CODE: 12/ SUBM DATE: 17Mar65/ ORIG REF: 011/ ATD PRESS: 4163

Card 2/2

L 04 [illegible]-67 EWT(m)
ACC NR: AP6026294 SOURCE CODE: UR/0021/66/000/007/0839/0843

AUTHOR: Hlushchenko, A. A. -- Glushchenko, A. A.

ORG: Kiev State University (Kyyivs'kyyi derzhavnyi universytet)

TITLE: Numerical solution of some three-dimensional problems in the theory of filtration

SOURCE: AN UkrRSR. Dopovidi, no. 7, 1966, 839-843

TOPIC TAGS: filtration, hydrostatic pressure, hydraulic fluid

ABSTRACT: In the present article, closed solutions for several filtration problems are obtained on the basis of G. M. Polozhiy's method. A specific case is considered for the pressure filtration under a lock apron and a concrete dam. The solution of a three-dimensional filtration problem is reduced to finding the potential of the rate of filtration ϕ,

$$\varphi = -\varkappa h, \; h = y + \frac{p}{\gamma_0}$$

where h is the hydrostatic pressure, $\varkappa$ is the filtration coefficient, p is the pressure, γ_0 is the density of liquid, and y is the vertical space coordinate. Cases are considered with drained aprons, with the existence of definite drain sections, when the filtration region is bounded from the bottom not by the dam, but by a horizontal

Card 1/2

L 04293-67
ACC NR: AP6026294

drainage bed in which the pressure is known and when the system consists of several aprons. Presented by Yu. O. Mytropol's'kyy, Academician AN URSR. Orig. art. has: 20 formulas, 1 figure.

SUB CODE: 12,13/ SUBM DATE: 04Feb66/ ORIG REF: 005

Card 2/2

GLUSHCHENKO, A.F.

Clover leaf weevil Phytonomus nigrirostris (Coleoptera, Curculionidae) as a clover pest in Leningrad Province. Ent.obozr. 34: 99-107 '55. (MLRA 9:5)

1. Kafedra obshchey entomologii Leningradskogo sel'skokhozyaystvennogo instituta.

(Leningrad Province--Clover-leaf weevil)

GLUSHCHENKO, Anatoliy Fedorovich; REUTSKAYA, O.Ye., red.; CHUNAYEVA, Z.V., tekhn.red.

[Protecting legumes from pests (non-Chernozem zone of the U.S.S.R.] Zashchita bobovykh kul'tur ot vreditelei (nechernozemnaia polosa SSSR). Leningrad, 1961. 69 p. (MIRA 14:6)

(Legumes—Diseases and pests)

GLUSHCHENKO, A.F. (Pushkin, Leningradskoy obl.)

Correspondence school for training specialists. Zashch. rast. ot vred. i bol. 8 no.7:9-11 Jl '63. (MIRA 16:9)

1. Zamestitel' dekana zaochnogo fakul'teta zashchity rasteniy Leningradskogo sel'skokhozyaystvennogo instituta.

GLUSHCHENKO, A. G.

USSR Medicine - Medical Institues Medicine - Otorhinolaryngology [illegible]

"Transactions of the Tadzhikistan State Medical Institue"

"Vest Oto-Rino-Laringol" No. 3, 1947

Reviews all of Vol II of the collected works of subject institue. Seven reports are mentioned, the majority on soluble bactericides and phytocides for parasite and ord ns, and also "Local Novocain Blocking as a Method of Fighting Severe Ear Dyspnoea," by Ya. P. Popereka, and A Case of Acute Meniditis Originating From an Infection of the Ear With Status Physico Lymphaticus," by Y. P. Popereka and A. G. Glushchenko. Authors of the other reports are Prof Ya. L. Kose, F. A. Oks and N. V. Fikr.

[illegible]

GLUSHCHENKO, A. F. [illegible] -- (in ed) "[illegible]

regional pathology of Southern Kazakhstan. (P[illegible] in [illegible]

[illegible] Stalinabad, 1957. 17 pp [illegible]. (Stalinabad

State Ped Inst [illegible] Abu-Ali-Ibn-Sino (Avicenna). [illegible].

(KL, 23-57, 116)

-1[illegible]-

A

SHERSHAVKIN, S.V., doktor med.nauk; GLUSHCHENKO, A.G., red.

[Concise practical manual of procedures in forensic medicine] Kratkoe metodicheskoe posobie dlia prakticheskikh zaniatii po sudebnoi meditsine. Stalinabad, 1957. 43 p. (MIRA 10:12)

1. Stalinabad. Gosudarstvennyy meditsinskiy institut im.Abuali-Ibn-Sino (Avitsenny). Kafedra sudebnoy meditsiny. 2. Zaveduyushchiy kafedroy sudebnoy meditsiny, Stalinabadskiy gosudarstvennyy meditsinskiy institut im. Abuali-Ibn-Sino (Avitsenny) (for Shershavkin).
(MEDICAL JURISPRUDENCE)

GLUSHCHENKO, A.G., KOZHENKO, P.Ye., USACHEVA, Ye.M.

Evsei Il'ich IAroslavskii; on his 60th birthday. Vest.oto-rin 20 no.5:134 S-O '58 (MIRA 11:12)
(IAROSLAVSKII, EVSEI IL'ICH, 1898-)

GLUSHCHENKO, A.G.; SLEPUSHKINA, I.I.

Physical development of preschool children, students in schools of general education and students in trade schools in Kiev. Gig. i san. 24 no.9:64-69 S '59. (MIRA 13:1)

1. Iz kafedry gigiyeny detey i podrostkov Kiyevskogo meditsinskogo instituta.

(GROWTH)
(STUDENTS)

MEDNIK, G.L., dotsent; LORENTS, O.G., dotsent; BRAGINSKIY, B.M., dotsent; GLUSHCHENKO, A.G. (Dushanbe)

Functional activity of the adrenal cortex in people in high mountain regions. Probl.endok.i gorm. no.4:104-106 '62. (MIRA 15:11)

1. Iz kafedr farmakologii, normal'noy fiziologii, fakul'tetskoy terapii i sudebnoy meditsiny meditsinskogo instituta (dir. Z.P. Khodzhayev).

(ADRENAL CORTEX) (ALTITUDE, INFLUENCE OF)

GLUSHCHENKO, A.M.

New work schedule. Masl.-zhir.prom. 25 no.1:42-43 '59.
(MIRA 12:1)

1. Khar'kovskiy mylovarennyy kombinat.
(Kharkov--Oil industries) (Hours of labor)

GLUSHCHENKO, A.S.

Holder for welding in an atmosphere of steam. Avtom.svar. 14 no.9:89-90 S '61. (MIRA 14:8)

(Welding--Equipment and supplies)

BORT, Mikhail Mikhaylovich, kand. tekhn. nauk; SHEVCHENKO, Viktor Prokov'yevich, inzh.; GLUSHCHENKO, Andrey Semenovich; VASILENKO, V.P., red.; TIMOSHEVSKAYA, A.A., tekhn. red.

[Metal cutting with oxygen at low pressure] Rezka metalla kislorodom nizkogo davleniia. Donetsk, Donetskoe knizhnoe izd-vo, 1961. 29 p. (MIRA 15:9)

(Gas welding and cutting)

SHEVCHENKO, V.P., inzh.; SAPIRO, L.S., inzh.; GLUSHCHENKO, A.S., inzh.

Pack cutting with low-pressure oxygen. Svar.proizv. no.4:38 Ap '62. (MIRA 15:3)

1. Donetskiy mashinostroitel'nyy zavod imeni 15-letiya Leninskogo kommunisticheskogo soyuza molodezhi Ukrainy.
(Gas welding and cutting)

GLUSHCHENKO, A.F., inzh., MASLOV, V.A., inzh.; POLTORAK, P.A., inzh.

Converting the RR-600 cutters for operation on natural gas. Svar. proizv. no.10:36-40 '64. (MIRA 18:1)

1. Kustovoy otdel svarki Donetskogo soveta narodnogo khozyaystva.

AFHMEDLI, M.K.; GRELCHCHENKO, E.L.

Study of a complex compound of gallium with diphenylcarbazone. Uch. zap. ASU. Ser. fiz.-mat. i khim. nauk no.5:113-116 '61. (MIRA 16:6)

(Gallium compounds) (Formic acid)

AKHMEDLI, M.K.; GLUCHCHENKO, E.I.

Study of reagents for the spectrophotometric determination of gallium. Zhur. anal. khim. 19 no.5:556-560 '64.
(M.A. 17:8)

Azerbaydzhanskiy gosudarstvennyy universitet, Baku.

L 34498-65 EWT(m)/EWP(t)/EWP(b)/EWA(h) Peb JD
ACCESSION NR: AP5002799 S/0078/65/010/001/0098/0102

AUTHOR: Akhmedli, M. K.; Glushchenko, E. L.

TITLE: Spectrophotometric study of the reaction of aluminum, gallium, indium and thallium (III) chlorides with xylenol orange

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 1, 1965, 98-102

TOPIC TAGS: xylenol orange, complexing, xylenol orange aluminum complex, xylenol orange gallium complex, xylenol orange indium complex, xylenol orange thallium complex, absorption spectrum, extinction coefficient, triphenylmethane indicator

ABSTRACT: Complex formation between Ga, Al, In and Tl (III) and xylenol orange was studied, and their absorption spectra were compared with spectra of the ionic form of xylenol orange in an alkaline medium. The optimum pH values for the complexes were: Ga 1.7; Al 2.8; In 2.6; Tl (III) 3.15. All the complexes had a 1:1 ratio. Heating enhanced complex formation of ions of small dimension with the same charge (Al, Ga). The xylenol orange-gallium complex is subject to the

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L 34498-65
ACCESSION NR: AP5002799

Bouguer, Lambert Beer laws at Ga concentrations of 0.2-1.1 r/ml. Comparison of the absorption spectra of the complexes with the ionic form of the reagent at pH 11.9 showed that the coloring was intensified with increasing ion radius and that λ_{max} of Tl was in the longer wave length region than λ_{max} of the ionic form of the reagent. The molar absorption coefficients are similar, and at 1:1 compositions they are in good agreement with the molar extinction of the alkaline form of the reagent. It was suggested that, knowing the composition of the complex, the molar extinction of the alkaline form of the reagent would make it possible to predict fairly accurately the λ_{max} and the molar coefficient of complexes of Group III elements with triphenylmethane dyes. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy universitet (Azerbaydzhan State University)

SUBMITTED: 05Jun63 ENCL: 00 SUB CODE: SS

NR REF SOV: 008 OTHER: 012

Analytical

Card 2/2

L 07930-67 [illegible]
ACC NR: AP6[illegible] SOURCE CODE: [illegible]

AUTHOR: Akhmedli, M. K.; Basirov, E. A.; Gluzachenko, E. [illegible]; Zykova, L. I.

ORG: Azerbaydzhan State University im. S. M. Kirov, Baku (Azerbaydzhanskiy gosudarstvennyy universitet)

TITLE: Interaction of gallium ions with pyrocatechol violet

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 8, 1966, 1022-1026

TOPIC TAGS: gallium, ion, gallium ion, ion interaction, ion concentration, pyrocatechol, pyrocatechol violet

ABSTRACT: Gallium forms colored compound with pyrocatechol violet at pH 5.75—6.7 in an acetate-hydrochloride medium. The components interact in a molar ratio of 1 : 2. The maximum absorption is at 580 nmol, the true molar extinction coefficient is 73,530, and the conditional instability constant is $5 \cdot 10^{14}$. Solutions obey Beer's law within the concentration range of 0.56--3.1 μg/ml of gallium. Such elements as Al^{3+}, In^{3+}, Fe^{3+}, Cu^{2+}, and Ti^{3+} interfere in the photometric determination of gallium, no interference is caused by alkali metals.

Card 1/2 UDC: 543.70

L 07930-67
ACC NR: AP6033387

As (III, V), Cd^{2+}, Zn^{2+}, Pb^{2+}, Cr (III), Co^{2+}, Mo (VI), Sn (IV), Ni^{2+}, Ti (III), Sb (III) interfere only up to definite ratios. The method has been used for gallium determination in pure solutions. The relative experimental error is not more than 4%. The sensitivity of the method is 0.04 μg/ml. Orig. art. has: 6 figures and 3 tables. [Authors' abstract]

SUB CODE: 07/ SUBM DATE: 27Apr65/ ORIG REF: 005/ OTH REF: 002/

Card 2/2 vml

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515420011-2"

BIRYUK, Vladimir Sergeyevich; GLUSHCHENKO, G.G., inzh., retsenzent; SMIRNOV, B.I., inzh., retsenzent; POPILOV, L.Ya., nauchn. red.; NIKITINA, R.D., red.; KOROVENKO, Yu.N., tekhn. red.

[Repair shops aboard ships] Sudovye masterskie. Leningrad, Sudpromgiz, 1963. 138 p. (MIRA 16:9)
(Ships—Maintenance and repair)

Glushchenko, G. I.

Seamed cells in fig-leaf petioles. G. I. Glushchenko. *Zhur. Obshchei Biol.* 14, 313-19(1953).—The seamed appearance of cells in fig-leaf petioles is related to growth phenomena involving new nucleolus formation in cell nuclei and active accumulation of ribonucleic acids in the cells. Julius F. Smith

GLUSHCHENKO, G.I.

Cytoembryological investigations of Allium cepa L. Zhur.ob.biol. 17 no.1:40-45 Ja-F '56. (MLRA 9:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova, Kafedra genetiki i selektsii.
(ONIONS)

GLUSHCHENKO, G I

B-2

USSR/General Biology - Cytology.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 33319

Author : Glushchenko, G.I.
Inst : ---
Title : Data on Cyto-Embryology of Species Alliumcepa L.
(Materialy po tsito-embriologii vida Alliumcepa L.)

Orig Pub : Izv. AN SSSR, ser . biol., 1957, No 2, 220-233

Abstract : A study was conducted on the embryology of onion Allium cepa L. The onion pollen is two-celled; sperm form in the pollen anthers. The ovary is tri-chambered, each chamber containing 2 seedbuds. The archesporial cell is laid down 2-3 days before flower opening. In the nucleus of the archesporial cell DNA is not found, while the plasma contains a large quantity of RNA. The embryonic sac of cepa onion develops in an Allium type. The 8-nuclei embryonic sac is characterised by its very large synergides [?] frequently differing in

Card 1/2

6

[illegible], V. I., [illegible] -- (title) "[illegible] Study of Alloy [illegible]." [illegible] [illegible], 1.58, 21 pp (Phys [illegible] [illegible]) ~~[illegible]~~ [illegible] 100 [illegible] ins. (VI, [illegible], 60)

GLUSHCHENKO, G.I.

Biology of flowering and embryology of Scopolia carniolica.
Bot. zhur. 47 no.7:1017-1025 Jl '62. (MIRA 15:9)

1. Institut botaniki AN UkrSSSR, Kiyev.
(Scopolia) (Botany—Embryology)

GLUSHCHENKO, G.I.

Some characteristics of the embryology of Scopolia carniolica. Izv. AN SSSR Ser. biol. 28 no.5:724-734 S-O '63 (MIRA 16:11)

1. Institute of Botany, Academy of Sciences of the Ukrainian S.S.R., Kiev.

GLUSCHENKO, G.I. [Hlushchenko, H.I.]

Microscopic investigation of Dropolia carolina Jacq. and [illegible] furida Dun. in F1. in relation to the problems of sterility. Ukr. bot. zhur. 21 no.4:53-61 '64.

(MIRA 17:11)

1. Otdel sistematiki i embriologii Instituta botaniki AN UkrSSR.

GLUSHCHENKO, G.P.

Receptors of the periosteum in horses. Vop. fiziol. no.10:180-186 '54 (MLRA 10:5)

1. Belotserkovskiy sel'skokhozyaystvennyy institut, Kafedra gistologii i embriologii.
(PERIOSTEUM--INNERVATION) (VETERINARY HISTOLOGY)

GLUSHCHENKO, G.P. [Hlushchenko, H.P.]

Reflexogenic zone of the cranial periosteum. Dop.AN URSR no.11:1560-1563 '60. (MIRA 13:11)

1. Belotserkovskiy sel'skokhozyaystvennyy institut. Predstavleno akademikom AN USSR V.G.Kas'yanenko.
(Periosteum--Innervation)

KOWALSKIJ, P.; GLUSCHTSCHENKO, G. P.

On nerve structures of the periosteum. Acta Morph. Acad. Sci. Hung. 11 no.2:167-178 '62.

1. Institut fur Histologie, Landwirtschaftliche Hochschule, Bjelaja Cerkowj, UdSSSR (Direktor: Prof. P. Kowalskij)

(PERIOSTEUM innervation)

[redacted]

GIMMEL'FARB, Ye.I.; GLUSHCHENKO, I.I.

Important problems in sugar beet seed production. Sakh.prom. 30 no.4:62-64 Ap '54. (MLRA 9:8)

1. Khar'kovskiy sakhsveklotrest (for Gimmel'farb); 2. Semennaya inspektsiya Ukrglavsakhara (for Glushchenko).
(Sugar beets)

GIM'EL'FARB, Ye.I.; GLUSHCHENKO, I.I.

Machine for removing roots of mother beet in surface silos. Sakh. prom. 34 no.11:57-59 N '60. (MIRA 13:11)

1. Khar'kovskiy sovnarkhoz.
(Sugar beets)

GLUSHCHENKO, I.M.

Meteorological characteristics of certain spots in Kazakhstan in connection with the selection of a site for a future planetary observatory. Trudy Sekt.astrobot.AN Kazakh SSR 7: 217-225 '59. (MIRA 13:5)
(Kazakhstan--Meteorology)

LIPKIN, D.S.; GLUSHCHENKO, I.M.

Characteristics of the heat regulation in PVR type ovens fired with blast-furnace gas. Koks i khim. no.9:20-23 '63. (MIRA 16:9)

1. Koksokhimstantsiya.

(Coke ovens)

GLUSHCHENKO, I.M.

Nomogram for the determination of the calorific power of blast furnace gas. Stal' 25 no 7:664-667 Jl '65. (MIRA 18:7)

1. Kerzhenzinskiy metallurgicheskiy zavod.

DANILEVSKAYA, Mariya Sergeyevna[Danylevs'ka, M.S.]; GLUSHCHENKO, Ivan Nikitovich [Hlushchenko, I.N.]; SAYCHUK, Konstantin Ivanovich [Saichuk, K.I.]; SOLODKIY, D.I.[Solodkyi, D.I.], red.; POCHEKINO, L.Kh., tekhn. red.

[Attacking the Polesye virgin lands] Nastup na polis'ku tsilynu. Kyiv, Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 42 p. (MIRA 15:3)

(Polesye--Agriculture)

SOV/24-57-4-4971

Translation from Referativnyy zhurnal Mekhanika 1957, Nr 4 p 147 (USSR)

AUTHOR: Glushchenko, I. P

TITLE: On the Relationship Between the Stiffness of a Link-plate Type Roller Traction Chain and Its Pitch (O zavisimosti zhestkost tyagovoy plastinchatoy tsepi ot yeye shaga)

PERIODICAL: Nauch zap Lvovsk. politekhn. in ta, 1953, Nr 17 pp 47-58

ABSTRACT: The paper adduces theoretical calculations for the determination of the static stiffness of drive and traction roller chains. On the strength of an analysis of the deformations of the separate components of the chain links a relationship is established between the pitch of the chain and its stiffness.

F M Dimentberg

Card 1/1

GLUSHCHENKO, I. P.

USSR/Engineering - Chain conveyers

Card : 1/1

Authors : Glushchenko, I. P., Candidate of Tech. Sciences, Docent

Title : Research of dynamic phenomena in chain conveyers

Periodical : Vest. Mash., 34, Ed. 6, 7 - 12, June 1954

Abstract : The problems in designing chain conveyers, with a view to increasing their durability, are dealt with and illustrated by formulas and drawings. A description is given of researches conducted in the operation of conveyers that are in constant motion. An analysis is made of the dependence of dynamic stress on the elastic, inertial and speed characteristics of the basic parts of a conveyer. Six Russian references, latest 1951. Drawings; graph.

Institution : ...

Submitted : ...

SOV/124-57-5-5193

Translation from: Referativnyy zhurnal Mekhanika, 1957, Nr 5, p 14 (USSR)

AUTHOR: Glushchenko, I. P.

TITLE: Elements of the Dynamics of a Nonlinearly Connected Two-mass System (Elementy dinamiki odnoy dvukhmassovoy sistemy s nelineynoy svyazyu)

PERIODICAL: Dokl. Lvovsk. politekhn. in-ta, 1955, Vol I, Nr 2, pp 58-63

ABSTRACT: The author investigates the motion of two masses connected by a flexible, ponderable nonextensible thread, which are subjected to the action of a constant drawing force applied to the first mass. The system of two nonlinear second order differential equations obtained is linearized under the premise that, in addition to their translational motion, the masses perform small, and hence virtually linear, oscillatory motions about their positions of equilibrium. The solution obtained permits an investigation of the magnitude of the periodically variable force that is exerted by the second mass upon the first mass.

Ye. N. Miroslavlev

Card 1/1

SOV/124-58-[illegible]

Translation from Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 11 USSR

AUTHOR: Glushchenko, I.P.

TITLE: On the Dynamics of the Starting of Flexible-coupling Transmissions (O dinamike puska peredach gibkoy svyazi)

PERIODICAL: V sb. Nekotoryye vopr. dinamiki mashin. L'vov, un-t, 1956, pp 31-41

ABSTRACT: For the initial stage of starting, when the drive shaft is in motion but the driven shaft has not yet moved at all, an approximate differential equation is set up and then integrated by quadratures. As a result of the integration the initial values are obtained for the second stage of starting, i.e., when both shafts have begun to rotate. For the second stage linearized equations are set up, and on the basis of these a calculation is made of the approximate values of the dynamic stresses present in the driving portion of the transmission.

S.G. Kisintsin

[illegible]

Card 1/1

AUTHORS: [illegible], A.T., Antonovich, A.V., Bogatyrev, N.A., Clushchenko, [illegible], [illegible], T.P., [illegible], Ye.F., Karpa[illegible], [illegible], [illegible], V.I., Lukin, N.I., Malishevich, N.I., [illegible], V.P., Petrenko, S.I., Peperny[illegible], Ye.A., Irivalova, K.A., Sitnitskiy, Yu.I., Stasikov, Ya.I., Shchepankevich, B.F., Chuchman, T.S., Yagelin, I.M., Brilinskiy, B.M., and others

TITLE: G.Ye. Krushel', Deceased

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, 1958, Nr 10, p 147 (USSR)

ABSTRACT: This is an obituary of Doctor of Technical Sciences Professor Georgiy Yevgen'yevich Krushel' of the L'vovskiy politekhnicheskiy institute (L'vov Polytechnic Institute). Krushel' was born in Moscow in 1912 as the son of an engineer. He died on July 20, 1958 because of an accident. He graduated in 1931 from the "Proftekhshkola". While working in the industry, G. Ye. Krushel' studied at the Khar'kovskiy mekhaniko-mashinostroitel'nyy institut (Khar'kov Institute of

Card 1/3

G.Ye. Krushel', Deceased SOV/116-4-1-[illegible]

Mechanics and Machine Building) from which he graduated in 1937. Then he combined the work in the industry with that of an instructor at the [illegible] Institute. In 1948, he defended his candidate's dissertation and in 1956 his Doctor's dissertation. G.Ye. Krushel' became a well-known scientist in the USSR having published more than [illegible] papers. He worked primarily in the field of theoretical and practical heat engineering. Since 1945, he worked at the L'vov Polytechnic Institute, where a training power plant was built on his initiative. G.Ye. Krushel' worked together with workers of YuUkh GSRNI conducting detailed theoretical and experimental investigations concerning the accelerated starting of the boiler-turbine units at thermal power plants, proving the economical advantage of loading the turbine without bringing the steam pressure up to the nominal rating. Krushel' is one of the inventors of the evaporation cooling of open hearth furnaces. Further, he investigated

Card 2/3

G.Ye. Krushel', Deceased SOV/14[illegible]

extensively prime movers for the feed pumps of high-power boiler-turbine units. Besides research work, Krushel' devoted his attention to the training of engineers in his field. The Soviet Union lost one of its foremost scientists. There is a photograph.

Card 3/3

PHASE I BOOK EXPLOITATION SOV/4201

L'vov. Politekhnicheskiy institut

Mekhanika (Mechanics) L'vov, 1959. 69 p. (Series: Its: Doklady, tom 3, vyp. 1/2) 900 copies printed.

Editorial Board: A.I. Andriyevskiy, Doctor of Technical Sciences, Professor; Ya.P.Berkman, Honored Scientist and Technologist UkrSSR, Doctor of Chemistry, Professor; K.B. Karandeyev, Corresponding Member, Academy of Sciences USSR and Academy of Sciences UkrSSR, Doctor of Technical Sciences, Professor; M.S. Komarov (Resp. Ed.), Doctor of Technical Sciences, Professor; V.I. Kuznetsov, Doctor of Geology and Mineralogy; B.F. Levitskiy (Deputy Resp. Ed.), Candidate of Technical Sciences, Docent; V.B. Porfir'yev, Member, Academy of Sciences UkrSSR. Doctor of Geology and Mineralogy, Professor; V.A. Tikhonov (Resp. Secretary), Candidate of Technical Sciences, Docent; Tech. Ed.: T. Veselovskiy.

PURPOSE: This booklet is intended for scientific workers and engineers.

COVERAGE: The booklet contains 12 articles on vibrations, impact stresses, transmission and slider-crank mechanisms, fluid mechanics, and strength of reinforced-concrete beams. No personalities are mentioned. References follow several of the articles.

Card 1/3